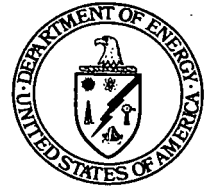




Department of Energy

Ohio Field Office
Fernald Area Office

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



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SEP 24 1999

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-1140-99

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Ms. Val Orr
Division of Drinking and Ground Waters - UIC Unit
P.O. Box 1049
1800 Watermark Drive
Columbus, Ohio 43216-1049

Dear Mr. Saric, Mr. Schneider, and Ms. Orr:

NOTIFICATION OF SAMPLE ANALYSIS RESULTS INDICATING GREATER THAN 20 ug/L URANIUM CONCENTRATION IN THE JULY INJECTATE SAMPLE

This notification is being provided per the requirements of the Department of Energy's (DOE) Re-Injection Demonstration Test Plan. As discussed during the DOE, U.S. Environmental Protection Agency (U.S. EPA), and Ohio Environmental Protection Agency (OEPA) conference call of September 21, 1999, the monthly injectate grab sample results for July exceeded 20 ug/L. Details concerning the issues surrounding the anomalous uranium data were provided to you by Robert Janke via electronic mail on September 17, 1999. As you know, the significance of the July sample result is being questioned as the daily composite process control data collected at that time contradict the monthly grab sample results. However, it appears that the exceedance was of a very limited duration.

DOE considers injection of water with concentrations of uranium greater than 20 ug/L to be a very serious matter and will therefore communicate issues such as this in a more timely manner in the future. We have increased our vigilance in monitoring the injectate and will shut down the re-injection system if it appears that we are in danger of injecting water exceeding 20 ug/L uranium. DOE will be evaluating trends in the uranium concentration of the injectate and is reviewing the water treatment facilities' ion exchange

Mr. James A. Saric
Mr. Tom Schneider
Ms. Val Orr

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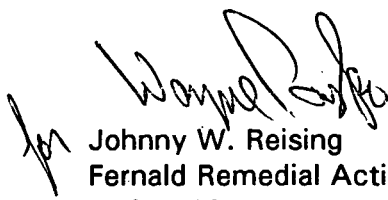
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resin regeneration process. This effort is intended to improve the timeliness of the application of regeneration and its efficiency in providing a product capable of meeting DOE's goals and commitments regarding quality of the injectate.

We will be working closely with Mr. Saric of the U.S. EPA and Mr. Tom Schneider of the Office of Federal Facilities Office within the OEPA as we address this situation and will keep them informed of our progress.

Please contact Robert Janke at (513) 648-3124 if you have any questions regarding this notification.

Sincerely,


Johnny W. Reising
Fernald Remedial Action
Project Manager

cc:

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